Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Sunday 17 Oct 2021 until 23:59 on Monday 18 Oct 2021

Forecast Issued on Saturday 16 Oct 2021 at 07:35

Confidence: High for a serious of Atlantic weather fronts crossing the area, but confidence lowering for the detail of timing and extent of worst conditions.

Headline for Sunday 17 Oct 2021: Overcast, wet start, but increasing chance of drier, brighter weather developing late in day.

Mountain weather hazards on Sunday 17 Oct 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Light rain	Light rain	Light rain showers	Partly cloudy (night)
Precipitation probability							
>95%	90%	90%	80%	80%	60%	40%	20%

Forecast for Sunday 17 Oct 2021

Weather: Dull, overcast night and morning with periods of rain, which turns heavy at times, particularly across western ranges. Tending to turn drier and potentially brighter as the afternoon progresses, leaving clear spells and only scattered showers for the evening.

Chance of cloud free mountain/hill tops above 600m: Beginning nil in west and 20% in east, becoming from late afternoon 60% in west and 80% in east

Visibility: Moderate or poor in rain, very poor in hill fog which will be focused across the west, with bases from 450-600m extensive in west, broken in east, becoming late afternoon broken in west, scattered in east.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Sunday 17 Oct 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/28 SW	19/27 S	19/26 S	18/25 S	18/26 SW	15/22 SW	11/17 SW	9/14 SW	10/15 SW
300	9/22 S	10/22 S	8/20 S	10/20 S	10/21 SW	9/18 SW	6/14 SW	4/10 SW	4/12 SW
Valley	8/20 S	10/24 S	8/20 S	9/20 S	9/20 SW	7/17 SW	5/13 SW	4/10 S	5/10 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/4	8/4	8/4	9/5	10/6	11/8	10/8	10/8	10/8
300	10/8	10/8	10/8	11/9	12/10	12/11	12/11	12/11	11/11
Valley	11/10	11/9	11/10	12/10	12/11	13/12	13/12	13/12	13/12
Freezing Level*	2400m	2800m	2800m	2600m	2500m	2400m	2300m	2300m	2300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Hill fog extensive in the west through much of the day.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sat 16 Oct 2021	1.2mm	6mm	6mm

Forecast for Monday 18 Oct 2021

Weather: Rather cloudy with scattered showers, the bulk of these across western ranges. Larger area of occasionally heavy rain crossing from the west late afternoon and through the evening.

Maximum wind: Southerly increasing 20mph gusts 30mph from early evening.

Chance of cloud free mountain/hill tops above 600m: 60% becoming virtually nil from late afternoon.

Visibility: Good or very good becoming moderate or poor in showers and later longer periods of rain, also very poor in hill fog which will be focused across the west, particularly later in the day as bases become broken to extensive from 450-600m.

Temperature: **Valleys:** Plus 7 Celsius increasing 17 Celsius during the afternoon
At 600m: Plus 10 Celsius
Freezing level: Above all summits

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